

DERWENT-ACC-NO: 1987-243283

DERWENT-WEEK: 199725

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TITLE: Laminated material used as carrier
web for roofing, sealing courses - contains nonwoven
material of mineral fibres contg. longitudinal
reinforcing yarns

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PLOETZ, K
; ZERFASS, K

PATENT-ASSIGNEE: HOECHST AG[FARH]

PRIORITY-DATA: 1986DE-3605830 (February 22, 1986) ,
1984DE-0435643 (February
22, 1986)

PATENT-FAMILY:

PUB-NO	PAGES	PUB-DATE	MAIN-IPC
DE 3605830 A		August 27, 1987	N/A
002	N/A		
AU 8769112 A		August 27, 1987	N/A
000	N/A		
JP 62199861 A		September 3, 1987	N/A
000	N/A		
NO 8700683 A		September 14, 1987	N/A
000	N/A		
EP 242524 A		October 28, 1987	G
000	N/A		
FI 8700512 A		August 23, 1987	N/A
000	N/A		
ZA 8701245 A		August 12, 1987	N/A
000	N/A		
US 4755423 A		July 5, 1988	N/A
003	N/A		
CA 1275901 C		November 6, 1990	N/A
000	N/A		
FI 89189 B		May 14, 1993	N/A

000	D06N 005/00	
EP 242524 B1	September 22, 1993	G
004	D04H 005/02	
DE 3787488 G	October 28, 1993	N/A
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JP 2609242 B2	May 14, 1997	N/A
003	D06N 005/00	

DESIGNATED-STATES: AT BE CH DE FR GB IT LI NL SE AT BE CH
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CITED-DOCUMENTS: A3...198942; EP 176847 ; FR 2349672 ;
No-SR.Pub ; US 3125404

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-DESCRIPTOR	APPL-NO
DE 3605830A		N/A	
1986DE-3605830		February 22, 1986	
JP 62199861A		N/A	
1987JP-0034692		February 19, 1987	
EP 242524A		N/A	
1987EP-0102221		February 17, 1987	
ZA 8701245A		N/A	
1987ZA-0001245		February 20, 1987	
US 4755423A		N/A	
1987US-0016239		February 19, 1987	
FI 89189B		N/A	
1987FI-0000512		February 9, 1987	
FI 89189B		Previous Publ.	FI 8700512
N/A			
EP 242524B1		N/A	
1987EP-0102221		February 17, 1987	
DE 3787488G		N/A	
1987DE-3787488		February 17, 1987	
DE 3787488G		N/A	
1987EP-0102221		February 17, 1987	
DE 3787488G		Based on	EP 242524
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JP 2609242B2		N/A	
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JP 2609242B2		Previous Publ.	JP 62199861
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INT-CL (IPC): B32B005/06, B32B015/00 , B32B017/72 ,
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D04H005/02 ,
D06M017/00 , D06N005/00 , E04D001/22 , E04D005/10

RELATED-ACC-NO: 1986-095271

ABSTRACTED-PUB-NO: DE 3605830A

BASIC-ABSTRACT:

Material consists of a preconsolidated nonwoven made of synthetic fibres and a preconsolidated nonwoven made of mineral fibres. The nonwovens are joined through needling. The nonwoven consisting of mineral fibres contains longitudinal reinforcing yarns made of a mineral material.

The material can consist of a 280 g/m² polyester nonwoven and a 50 g/m² nonwoven with 550 dtex reinforcing yarns. The longitudinal/transverse dimensional change is $-0.26/+0.01\%$. The reinforcing yarns alter the mechanical properties of the laminated material only insignificantly.

ADVANTAGE - The incorporation of reinforcing fibres in nonwoven consisting of mineral fibres improves the dimensional change in the transverse direction by a factor of 20-30.

ABSTRACTED-PUB-NO: EP 242524B

EQUIVALENT-ABSTRACTS:

A laminate composed of a preconsolidated synthetic fibre web and a preconsolidated mineral fibre web, which are bonded to each other by needling, the mineral fibre web containing longitudinal reinforcing yarns made of a mineral material.

US 4755423A

A laminate, having improved dimensional stability and fire resistance,

comprising the combination of a preconsolidated synthetic fibre web (I) and a preconsolidated mineral fibre web (II), bonded to each other by needling.

(I) comprises PET fibres, preconsolidated in a conventional manner having a wt. per unit are of 50-350 g/m2 coupled with a filament denier of 3-8 dtex; and
(II) is a wet-laid staple fibre web having a wt per unit area of 30-60g/m2, and contains longitudinal reinforcing yarns made of a mineral material, pref. glass.

USE - Carrier web for roofing and sealing webs. (3pp)

CHOSEN-DRAWING: Dwg.0/0 Dwg.0/0

TITLE-TERMS: LAMINATE MATERIAL CARRY WEB ROOF SEAL COURSE
CONTAIN NONWOVEN

MATERIAL MINERAL FIBRE CONTAIN LONGITUDE
REINFORCED YARN

DERWENT-CLASS: A93 F07 L02 P73 Q45

CPI-CODES: A12-R05; A12-S05G; F02-C01; F02-C02D; F03-D03;
F04-E; L02-D10;

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

Key Serials: 0231 1291 2486 2528 2604 2654 3258 2682 2696
2718 2723 2724 2820

Multipunch Codes: 014 04- 143 144 32& 440 441 477 481 483

50& 541 542 575 596

609 613 616 651 664 665

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1987-102785

Non-CPI Secondary Accession Numbers: N1987-181936